



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] C1328X1LN18W40K  
 [TESTDATE] 07-Nov-2017 12:58:39  
 [TESTLAB] Radiant Vision Systems ProSource  
 [ISSUE DATE] 11/7/2017 1:57:48 PM  
 [MANUFAC] TEXAS FLUORESCENTS  
 [LAMP] LED Module  
 [\_TOTALLUMINAIRELUMENS] 4100.3  
 [\_NUMBEROFRAYS]10000000  
 [DRIVER TYPE] NO DRIVER  
 [BOARD TYPE] (2) LED 18W T8 4000K  
 [COLOR TEMP] 3,980 CCT  
 [LUMEN/WATT] 111 LM/WT  
 [CRI] 84.2  
 [OTHER] Absolute Photometry measurement

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4101
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
Total Luminaire Watts	37
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	2.44 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.08 m

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3741	2826	2770
55	3610	2499	2551
65	3031	2289	2417
75	2638	2185	2248
85	1389	2037	2172

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**CANDELA TABULATION**

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
<b>0</b>	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11
<b>3</b>	1120.04	1119.51	1119.00	1118.69	1118.31	1117.96	1117.72	1117.51	1117.37	1117.35
<b>6</b>	1116.41	1115.12	1115.19	1114.97	1114.42	1113.79	1113.53	1113.41	1113.73	1114.32
<b>9</b>	1104.15	1103.61	1104.61	1103.64	1102.86	1100.92	1099.97	1102.43	1106.92	1110.54
<b>12</b>	1086.18	1086.61	1086.64	1087.50	1087.94	1082.95	1078.57	1082.54	1093.10	1101.68
<b>15</b>	1065.79	1064.21	1066.00	1069.72	1073.48	1070.01	1063.53	1065.16	1075.01	1084.53
<b>18</b>	1041.01	1041.35	1041.03	1047.98	1055.13	1060.02	1056.73	1055.43	1060.31	1065.23
<b>21</b>	1009.77	1014.58	1016.49	1018.77	1026.34	1035.92	1042.55	1042.95	1046.65	1049.65
<b>24</b>	974.61	983.24	985.87	980.77	989.67	1002.58	1016.04	1020.67	1028.83	1033.78
<b>27</b>	938.35	942.51	945.80	951.15	963.07	971.94	988.22	994.59	1005.91	1012.88
<b>30</b>	900.17	896.64	908.47	923.42	937.55	943.48	960.97	970.33	982.28	989.28
<b>33</b>	859.26	858.57	873.30	889.01	905.70	915.50	935.84	944.28	956.63	965.80
<b>36</b>	818.24	821.10	832.28	846.54	868.01	884.08	913.31	921.72	928.97	940.03
<b>39</b>	778.03	771.21	791.05	796.46	830.64	850.30	885.08	900.13	905.79	910.19
<b>42</b>	729.35	719.38	748.48	756.53	799.63	817.16	847.58	869.14	882.57	882.17
<b>45</b>	666.97	679.39	702.87	712.44	763.98	786.11	804.66	835.24	854.71	860.75
<b>48</b>	611.19	637.89	656.70	664.39	721.65	749.88	770.19	808.16	823.87	838.44
<b>51</b>	578.76	586.36	607.65	621.98	678.45	709.46	746.95	782.18	794.69	807.98
<b>54</b>	547.24	532.06	563.59	578.22	637.22	673.87	724.66	753.29	764.88	774.96
<b>57</b>	493.01	484.57	509.84	549.14	603.23	639.86	697.94	723.43	740.58	746.25
<b>60</b>	427.28	433.62	460.39	506.47	565.17	610.46	663.43	694.72	717.75	720.85
<b>63</b>	367.26	381.00	428.31	473.40	525.04	582.60	627.82	664.27	688.55	695.68
<b>66</b>	318.36	329.29	383.36	440.70	496.10	553.46	595.21	632.95	653.11	667.77
<b>69</b>	279.91	282.77	333.70	402.25	471.92	522.01	567.47	604.00	623.45	635.21
<b>72</b>	239.58	244.72	291.75	365.58	449.58	491.56	541.29	575.13	599.22	600.34
<b>75</b>	187.07	206.07	256.25	330.31	417.20	465.63	509.79	543.35	568.31	566.03
<b>78</b>	132.89	166.58	222.73	298.90	381.31	434.60	475.74	509.83	531.95	533.05
<b>81</b>	91.59	133.34	197.17	276.35	349.75	406.50	450.80	488.15	503.37	506.40
<b>84</b>	50.63	107.33	164.91	251.45	312.76	373.09	426.79	459.21	476.48	478.42
<b>87</b>	20.61	73.52	136.56	219.27	288.57	350.02	396.72	424.39	445.21	449.40
<b>90</b>	6.21	55.59	115.50	198.55	268.98	330.64	379.47	395.36	431.29	444.85
<b>93</b>	0.79	19.25	49.35	86.91	106.17	140.98	150.53	173.29	160.58	172.68
<b>96</b>	0.04	1.82	3.59	4.45	7.94	8.59	12.03	18.48	15.93	11.37
<b>99</b>	0.02	0.36	1.32	1.72	1.30	1.48	1.82	1.75	2.58	0.68
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**CANDELA TABULATION - (Cont.)**

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>
0	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11
3	1117.35	1117.45	1117.56	1117.67	1117.82	1117.97	1118.03	1118.20	1118.37	1118.54
6	1114.79	1115.08	1115.35	1115.45	1115.72	1116.10	1116.58	1117.29	1118.33	1119.46
9	1111.20	1109.57	1107.44	1106.27	1106.05	1106.74	1110.06	1113.53	1116.92	1118.27
12	1102.28	1097.23	1091.95	1090.02	1089.42	1087.58	1091.99	1099.78	1106.19	1106.14
15	1087.07	1082.87	1074.84	1071.29	1066.41	1062.90	1067.20	1074.16	1080.88	1075.50
18	1069.16	1066.24	1054.62	1046.34	1036.65	1032.13	1035.90	1047.93	1051.39	1049.41
21	1043.55	1042.81	1033.16	1020.16	1008.47	996.88	1002.77	1018.83	1028.11	1019.91
24	1016.75	1019.89	1022.02	1003.50	988.96	964.74	964.49	970.61	1005.26	986.30
27	1003.20	1003.98	1005.55	979.55	974.13	946.15	937.88	935.78	974.64	938.11
30	993.11	975.96	966.69	938.52	942.89	924.78	892.56	881.37	934.84	891.85
33	965.07	937.06	930.90	907.59	900.70	892.21	864.60	827.65	888.01	840.28
36	926.86	914.23	910.23	885.26	853.68	847.07	836.32	784.51	843.22	788.36
39	901.92	896.21	880.34	856.88	814.49	791.24	802.19	731.91	806.58	744.76
42	880.91	864.96	840.44	816.66	783.27	751.18	752.74	683.61	766.08	704.12
45	852.81	831.04	810.31	776.87	737.14	718.90	687.52	648.62	710.53	664.04
48	822.40	801.98	787.43	742.76	690.52	687.88	623.89	615.00	650.31	624.04
51	794.99	769.80	752.55	707.38	662.38	648.71	563.32	575.97	597.52	587.59
54	765.19	741.09	714.63	671.29	634.29	596.46	520.75	528.63	549.37	543.59
57	738.82	720.30	683.24	638.87	602.86	550.76	477.91	484.14	500.03	495.60
60	714.53	695.43	643.07	608.20	561.33	509.57	430.48	440.38	446.81	445.23
63	687.91	661.92	610.94	575.05	524.86	471.06	398.51	392.47	389.10	397.52
66	656.59	627.48	591.29	548.42	501.30	433.16	349.26	336.65	330.91	348.00
69	624.52	598.33	565.19	525.57	471.57	392.16	315.76	283.72	276.37	299.88
72	593.69	572.45	533.04	495.32	440.74	357.88	279.66	237.32	225.61	254.68
75	560.55	543.35	501.98	467.00	405.74	322.58	245.07	196.88	177.54	211.56
78	528.08	506.38	471.98	435.50	371.55	286.69	213.39	160.14	130.54	170.94
81	501.22	472.96	441.07	396.00	335.05	254.60	181.13	118.24	80.94	133.92
84	476.93	441.32	419.96	365.91	306.41	230.24	145.66	92.86	44.26	110.07
87	444.36	421.84	401.36	344.25	282.29	204.72	125.47	66.05	17.06	78.20
90	427.28	410.99	366.37	313.61	265.57	193.37	111.22	49.41	6.60	59.73
93	170.56	206.38	172.83	161.68	138.82	106.11	60.80	22.00	0.84	28.46
96	21.90	21.63	18.01	19.19	18.21	12.42	8.98	3.89	0.32	4.95
99	4.61	1.52	0.97	0.50	0.89	0.09	0.08	1.02	0.03	1.32
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**CANDELA TABULATION - (Cont.)**

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Angles**      **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11
3	1118.70	1118.69	1118.72	1118.55	1118.36	1118.28	1118.38	1118.76	1119.38	1120.18
6	1120.40	1120.98	1120.97	1120.43	1119.29	1118.32	1118.12	1119.00	1121.26	1123.65
9	1119.18	1119.03	1119.35	1118.62	1117.45	1117.78	1119.66	1122.00	1123.96	1125.51
12	1104.59	1105.39	1108.90	1108.64	1107.92	1111.85	1119.18	1124.00	1122.93	1118.90
15	1079.74	1084.50	1093.11	1097.09	1097.22	1103.91	1115.17	1120.85	1116.20	1107.26
18	1046.71	1058.19	1072.61	1083.20	1086.15	1094.79	1107.02	1112.76	1107.56	1095.92
21	1012.46	1027.07	1051.42	1065.62	1071.84	1079.66	1090.17	1100.87	1097.95	1085.80
24	974.72	992.89	1033.19	1051.95	1059.46	1062.27	1070.16	1085.55	1085.71	1074.08
27	946.03	975.14	1019.53	1033.89	1046.40	1048.89	1056.61	1067.20	1067.22	1054.11
30	919.07	954.38	986.47	996.01	1021.58	1033.18	1044.76	1047.03	1046.22	1029.52
33	897.67	926.92	939.09	958.45	991.74	1011.06	1022.64	1026.23	1025.98	1005.34
36	865.36	877.94	895.39	933.66	966.82	991.69	995.76	1004.95	1006.40	988.51
39	825.52	821.69	866.97	914.59	940.65	968.93	975.46	983.30	987.93	970.48
42	775.71	788.67	840.03	880.53	912.30	936.22	954.76	962.01	965.74	941.11
45	717.17	763.71	794.27	836.02	884.50	905.41	929.71	941.32	936.95	908.94
48	658.76	733.15	747.60	798.08	856.59	877.39	905.61	918.74	905.24	885.17
51	598.08	689.74	715.84	765.81	826.81	847.82	882.59	891.96	877.33	864.21
54	555.25	635.15	682.20	733.14	798.02	827.87	854.81	862.09	850.34	839.75
57	514.03	594.10	651.72	702.24	770.17	811.44	831.87	831.91	827.65	812.36
60	473.02	557.71	613.67	671.42	734.89	782.78	812.61	807.41	805.07	781.36
63	437.76	519.22	575.63	636.54	700.39	749.47	788.67	791.24	777.19	748.26
66	388.60	478.39	551.75	610.81	667.52	718.16	757.81	770.28	743.70	717.24
69	342.90	436.13	524.70	589.78	633.52	687.30	725.92	733.18	711.42	690.36
72	306.37	404.28	496.72	558.91	602.05	658.14	694.29	691.25	682.03	664.78
75	273.87	370.93	465.16	531.60	570.32	627.04	657.99	656.87	650.66	634.37
78	242.69	334.06	429.87	498.62	536.33	587.05	619.97	623.59	617.78	590.48
81	214.15	296.54	381.43	448.85	497.01	542.44	578.20	579.57	579.37	549.70
84	178.04	272.72	355.60	414.89	472.50	514.75	542.39	546.47	554.24	518.33
87	149.58	240.70	327.66	388.19	442.18	486.16	516.66	525.02	528.08	492.43
90	132.78	216.71	303.48	358.16	414.70	458.85	499.48	524.83	492.06	464.54
93	76.98	134.88	183.22	234.24	256.09	300.37	268.68	283.61	260.54	280.17
96	11.99	16.63	28.31	31.31	33.18	41.32	34.76	24.99	29.75	38.19
99	0.15	0.17	1.42	1.45	3.38	6.52	7.67	3.65	6.81	8.13
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**CANDELA TABULATION - (Cont.)**

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11	1119.11
3	1120.99	1121.67	1121.89	1121.54	1121.26	1120.62	1120.04
6	1126.02	1127.16	1126.46	1124.60	1121.56	1118.16	1116.41
9	1126.43	1124.98	1119.85	1111.83	1108.09	1103.98	1104.15
12	1115.70	1111.19	1101.64	1087.32	1081.11	1082.48	1086.18
15	1102.11	1098.24	1083.95	1068.23	1063.06	1063.83	1065.79
18	1089.30	1084.94	1067.19	1052.59	1048.77	1047.64	1041.01
21	1075.03	1066.96	1047.14	1029.09	1026.69	1019.64	1009.77
24	1058.33	1048.12	1024.45	999.47	995.75	984.27	974.61
27	1036.51	1022.23	1000.81	973.73	959.59	950.76	938.35
30	1010.06	988.88	968.50	946.03	923.43	915.07	900.17
33	987.88	962.25	938.40	919.52	889.69	874.66	859.26
36	967.83	933.43	902.68	884.10	857.09	830.35	818.24
39	939.11	899.98	863.34	827.03	819.36	780.02	778.03
42	904.24	867.51	838.13	782.01	771.94	729.41	729.35
45	870.86	835.82	811.41	740.36	722.46	687.59	666.97
48	842.57	797.93	773.86	697.03	680.75	646.44	611.19
51	813.26	759.23	732.71	658.01	633.35	601.08	578.76
54	785.14	729.22	693.11	617.59	586.76	539.37	547.24
57	764.96	701.11	656.86	573.32	527.54	500.92	493.01
60	741.32	675.32	611.29	531.79	478.90	442.74	427.28
63	708.86	648.50	564.13	495.10	447.63	387.18	367.26
66	670.47	619.32	534.89	464.17	409.65	339.66	318.36
69	635.15	587.16	512.10	427.84	347.18	295.34	279.91
72	608.45	555.36	489.93	397.55	307.14	258.68	239.58
75	580.73	527.11	458.07	362.17	273.04	217.68	187.07
78	546.06	492.24	423.75	325.34	238.96	173.72	132.89

**IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**CANDELA TABULATION - (Cont.)**

<b>81</b>	514.90	456.43	388.04	295.45	216.97	144.62	91.59
<b>84</b>	488.62	423.84	351.15	260.78	179.36	117.68	50.63
<b>87</b>	459.15	399.02	325.24	229.26	150.91	80.88	20.61
<b>90</b>	428.87	375.86	303.39	213.48	130.51	58.04	6.21
<b>93</b>	233.50	199.26	144.84	102.02	61.16	19.89	0.79
<b>96</b>	29.27	18.34	16.24	7.90	5.10	2.48	0.04
<b>99</b>	7.79	4.99	3.13	3.46	1.94	0.58	0.02
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>168</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>171</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>174</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	336.54	N.A.	8.20
0-30	876.70	N.A.	21.40
0-40	1385.14	N.A.	33.80
0-60	2651.41	N.A.	64.60
0-80	3565.67	N.A.	86.90
0-90	4001.62	N.A.	97.60
10-90	3915.23	N.A.	95.50
20-40	1048.6	N.A.	25.60
20-50	1595.51	N.A.	38.90
40-70	1757.17	N.A.	42.80
60-80	914.26	N.A.	22.30
70-80	423.36	N.A.	10.30
80-90	435.95	N.A.	10.60
90-110	99.83	N.A.	2.40
90-120	99.83	N.A.	2.40
90-130	99.83	N.A.	2.40
90-150	99.83	N.A.	2.40
90-180	99.83	N.A.	2.40
110-180	0.00	N.A.	0.00
0-180	4101.45	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	86.39
10-20	250.15
20-30	540.16
30-40	508.44
40-50	546.92
50-60	719.36
60-70	490.90
70-80	423.36
80-90	435.95
90-100	99.45
100-110	0.38
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 44-132TANLEDL18W40.IES**

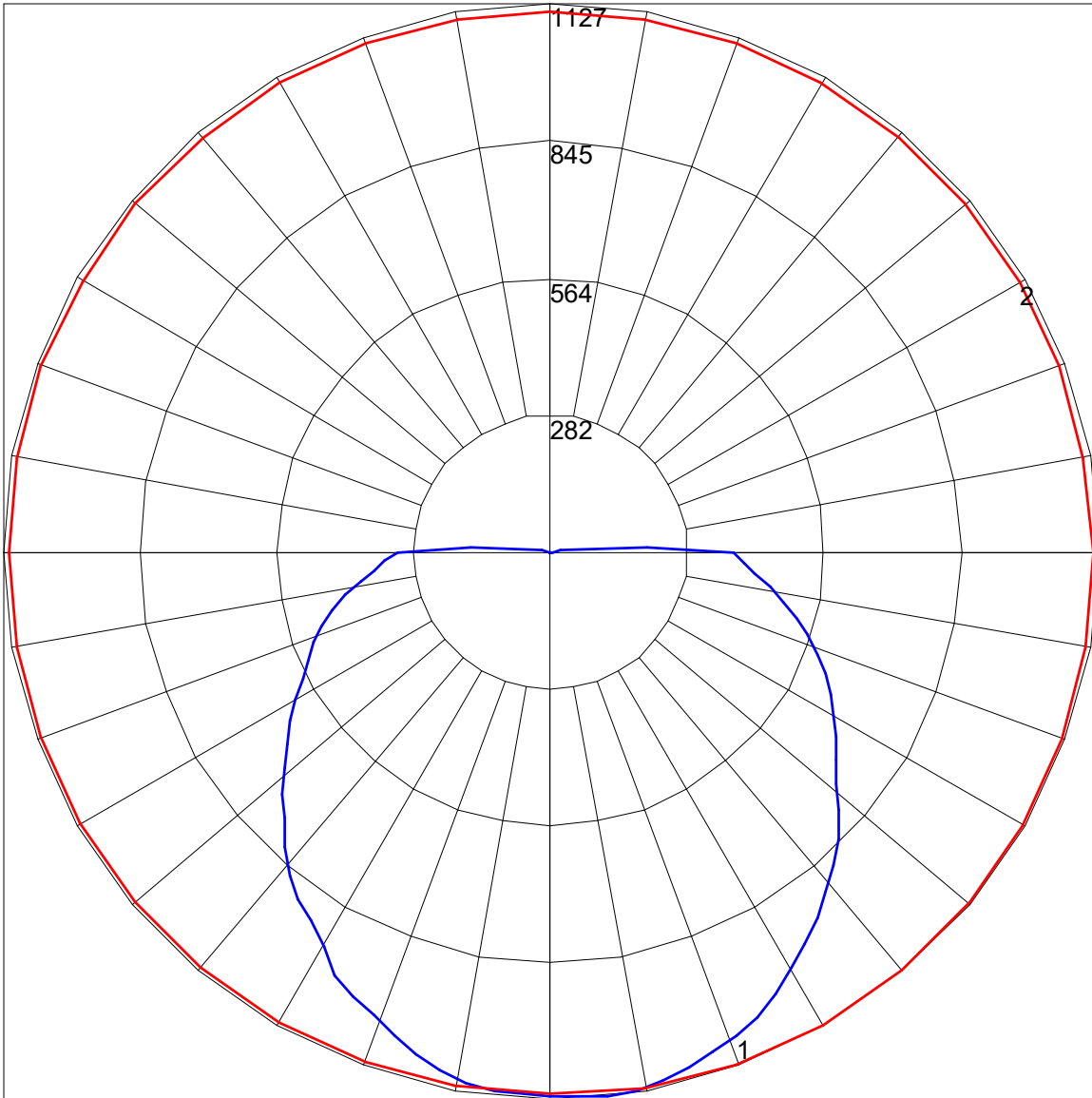
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	104	97	92	86	101	95	90	85	90	86	81	85	82	78	81	78	76	73
2	93	83	75	68	90	81	73	67	77	70	65	73	68	63	69	65	61	58
3	84	72	62	55	81	70	61	54	67	59	53	63	57	52	60	55	50	48
4	77	63	53	46	74	62	52	45	59	51	44	56	49	43	53	47	42	40
5	70	56	46	39	68	55	45	38	52	44	38	50	43	37	48	41	36	34
6	65	50	40	33	63	49	40	33	47	39	33	45	38	32	43	37	32	29
7	60	45	36	29	58	44	35	29	42	34	29	41	33	28	39	33	28	26
8	56	41	32	26	54	40	32	26	39	31	25	37	30	25	36	29	25	23
9	52	38	29	23	50	37	29	23	36	28	23	34	27	22	33	27	22	20
10	49	35	26	21	47	34	26	21	33	25	20	32	25	20	31	24	20	18



POLAR GRAPH



Maximum Candela = 1127.16 Located At Horizontal Angle = 310, Vertical Angle = 6  
# 1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)